

OBSCURATION METHOD FOR REDUCING THE  
INFRARED SIGNATURE OF AN OBJECT

ABSTRACT OF THE DISCLOSURE

5       An object such as an aircraft in flight is obscured from infrared detection  
when viewed from an external viewing location. The method includes providing  
the object having an externally viewable hot region associated therewith, wherein  
the hot region has a temperature greater than 150°C. A source of an obscuring  
agent is provided, wherein the obscuring agent comprises a mixture of carbon  
dioxide gas and water vapor. The obscuring agent is ejected from a dispensing  
10   location so as to flow between the hot region and the external viewing location.  
The obscuring agent has a temperature of less than that of the hot region.